FIGURE S1. Pearson correlation analysis was performed by plotting basal *SSTR2* mRNA expression level in BON-1, NCI-H727 and GOT1 cells against corresponding uptake of [^{111}In]In-DOTATATE per milligram of DNA.

A

Specific membrane-bound binding of [^{111}In]In-DOTATATE / mg DNA (% control)

Specific internalization of [^{111}In]In-DOTATATE / mg DNA (% control)

| r² | 0.9565 |

B

Relative *SSTR2* mRNA expression (% control)

Specific internalization of [^{111}In]In-DOTATATE / mg DNA (% control)

| r² | 0.9005 |

C

Relative *SSTR2* mRNA expression (% control)

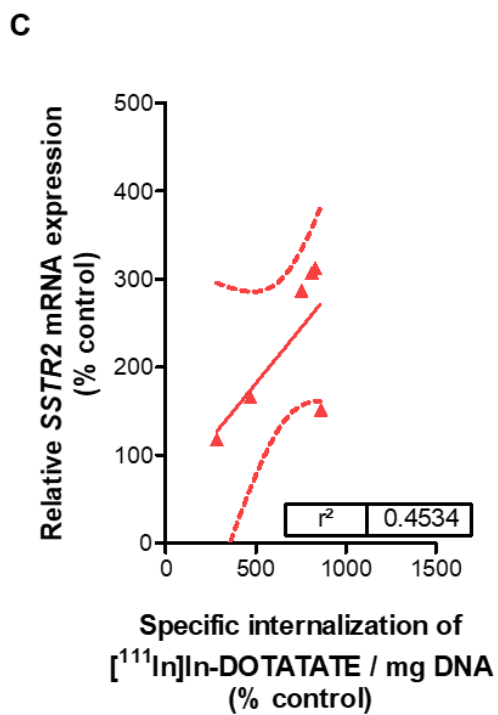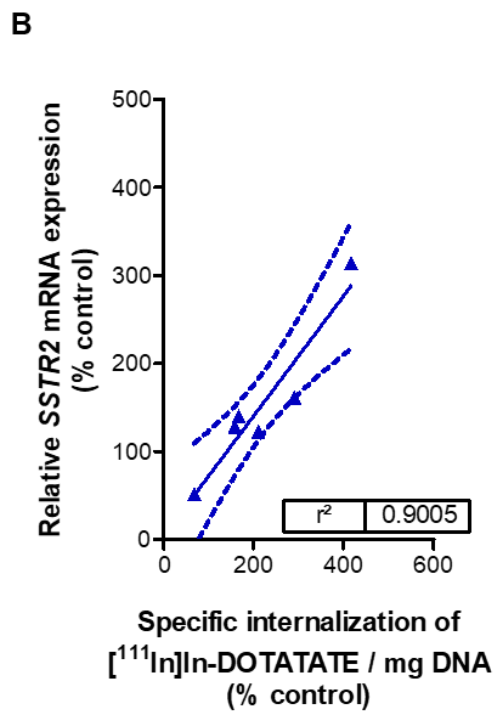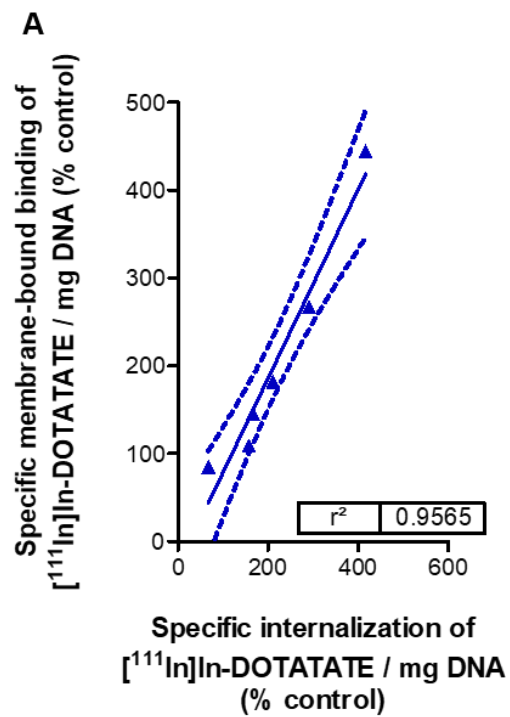Specific internalization of [^{111}In]In-DOTATATE / mg DNA (% control)

| r² | 0.4534 |

FIGURE S2. Pearson correlation analysis was performed by plotting the HDACi-enhanced [^{111}In]In-DOTATATE membrane-bound fraction to the increased internalized fraction in NCI-H727 cells (A), and by plotting the HDACi-enhanced [^{111}In]In-DOTATATE internalization levels against increased *SSTR2* mRNA expression levels in BON-1 (B) and NCI-H727 (C) cells.

Gene	Primer information	Efficacy factor
GUSB	Hs00939627_m1	1.95
HPRT1	Hs02800695_m1	1.97
β-Actin	Hs01060665_g1	1.96
SSTR2	Forward: 5'-TCG GCC AAG TGG AGG AGA C Reverse: 3'-AGA GAC TCC CCA CAC AGC CA Probe: CCGGACGGCCAAGATGATCACC	1.91

TABLE S1. Primers used for RT-qPCR. HKG primers (Thermo Fisher Scientific) were diluted twenty times.

For SSTR2, final concentration were 0.5 pM for both forward and reverse primers, and 0.1 pM for the

SSTR2 probe (Sigma).

HDACi	BON-1	NCI-H727	GOT1
CI-994	1.85 μM	3.05 μM	ND
ENT	218 nM	315 nM	384 nM
LMK235	154 nM	348 nM	ND
MOC	84.3 nM	171 nM	ND
PAN	3.11 nM	8.53 nM	ND
VPA	1.12 mM	1.31 mM	1.36 mM

TABLE S2. IC_{50} values on growth of BON-1, NCI-H727 and GOT1 cell lines, based on a seven day HDACi treatment period.